

FIG. 1

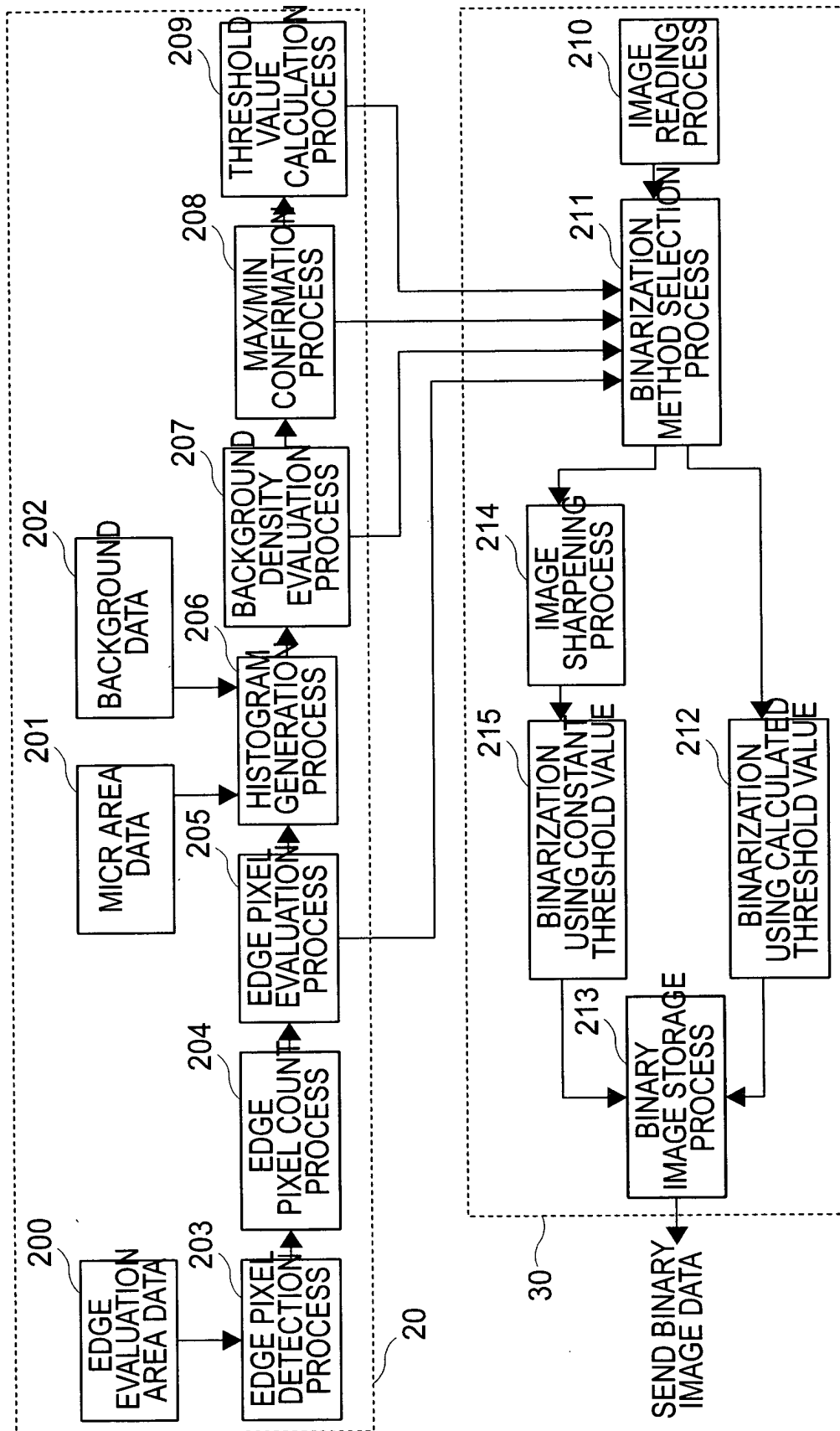


FIG. 2

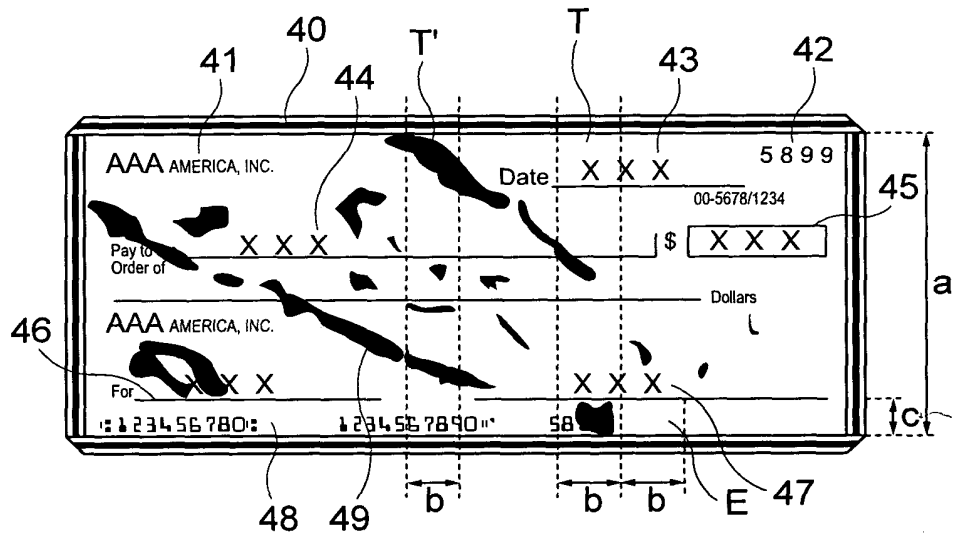


FIG. 3

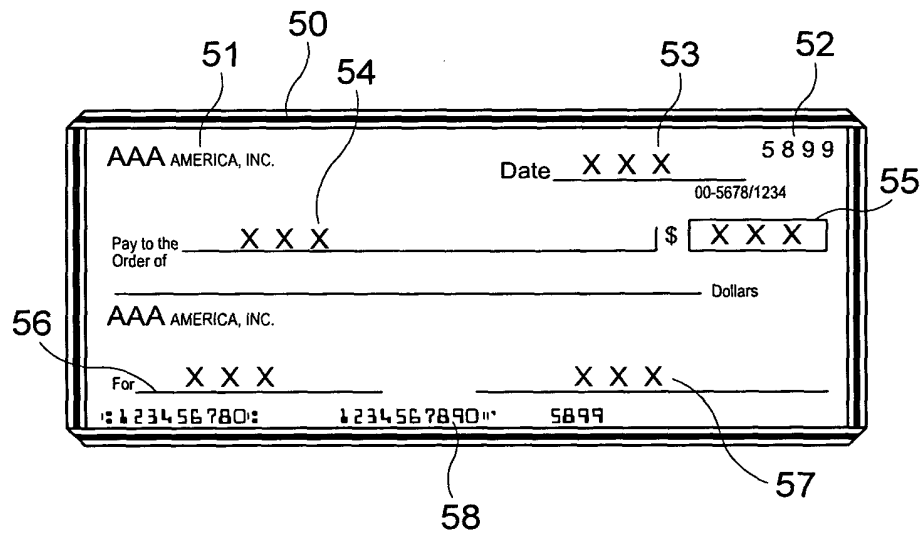


FIG. 4

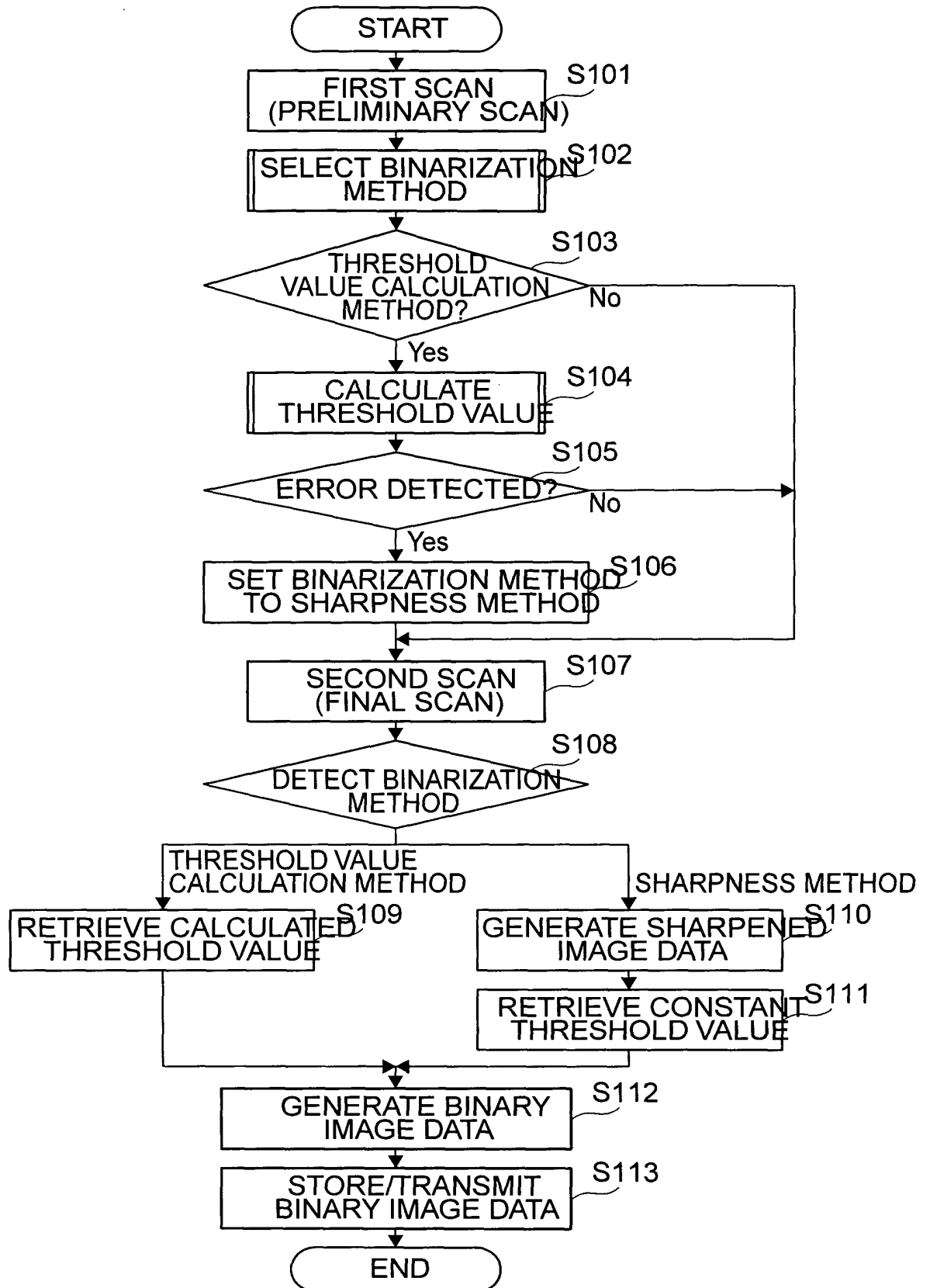


FIG. 5

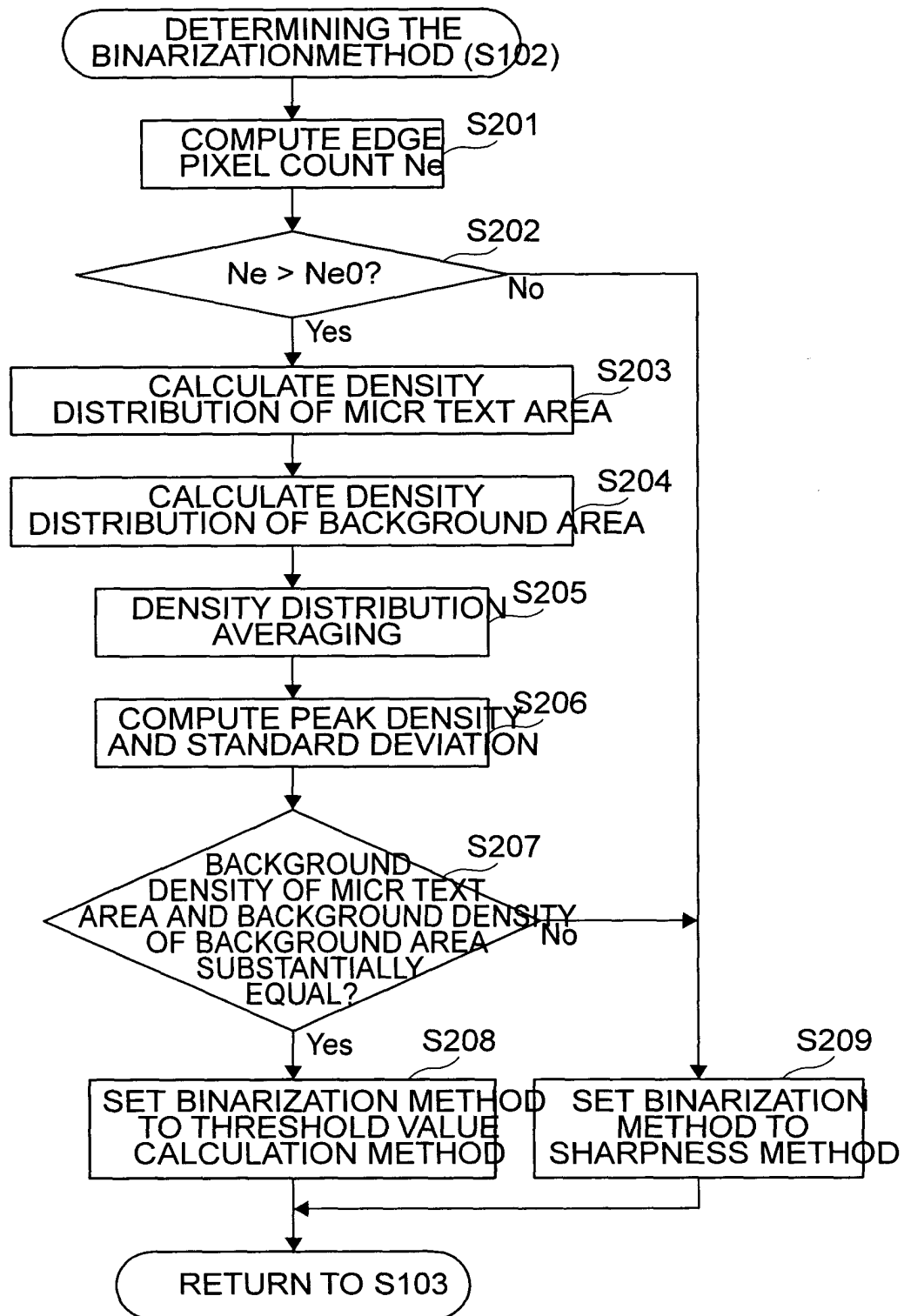


FIG. 6

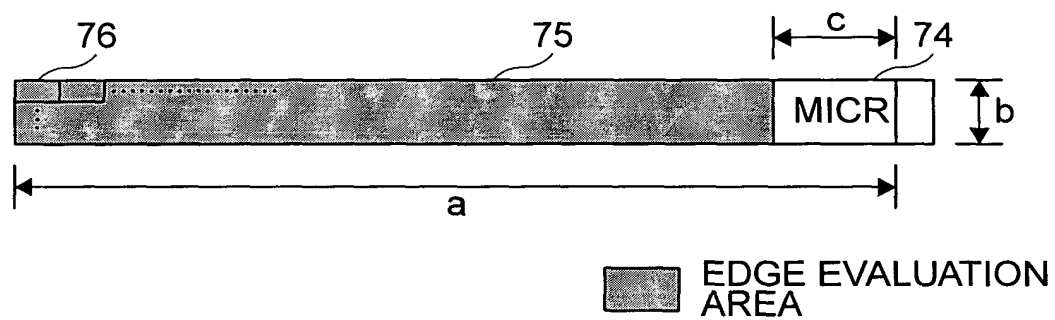


FIG. 7 (a)

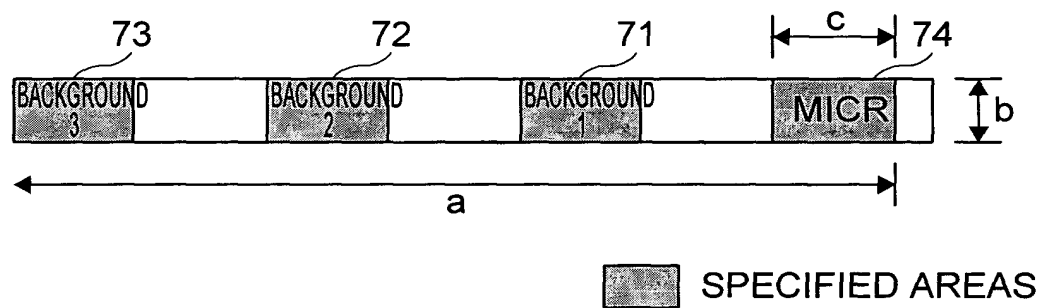


FIG. 7 (b)

COMBINED HISTOGRAM FOR MICR TEXT  
AREA AND BACKGROUND AREAS

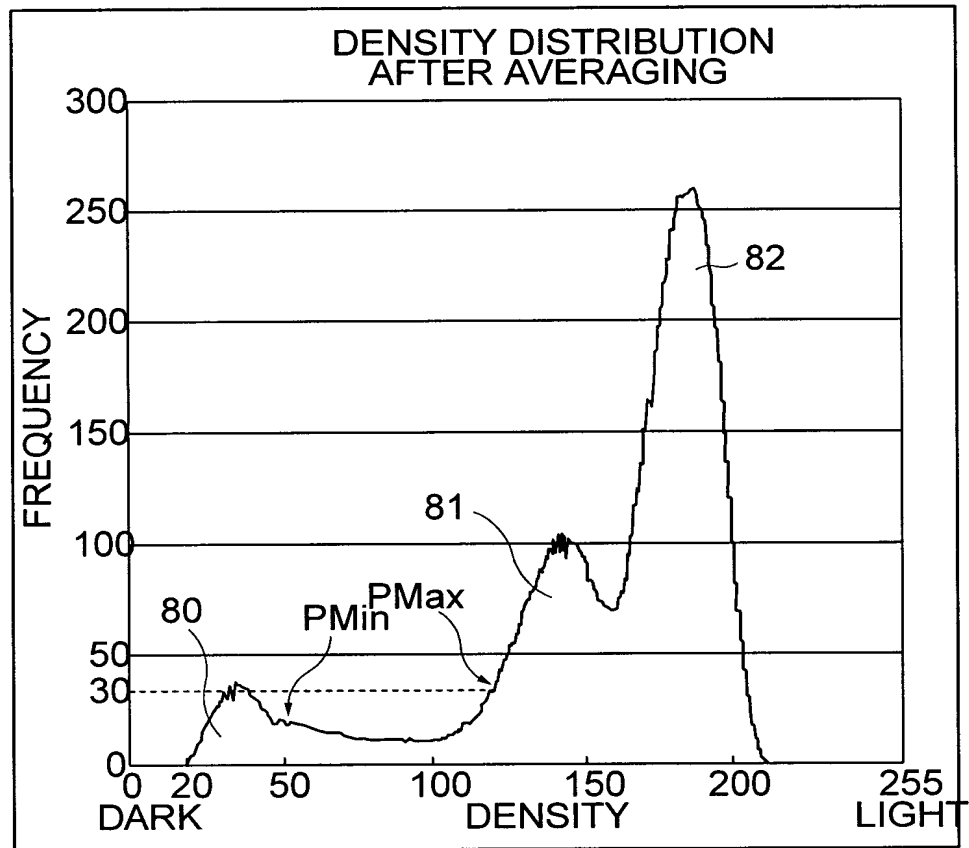


FIG. 8

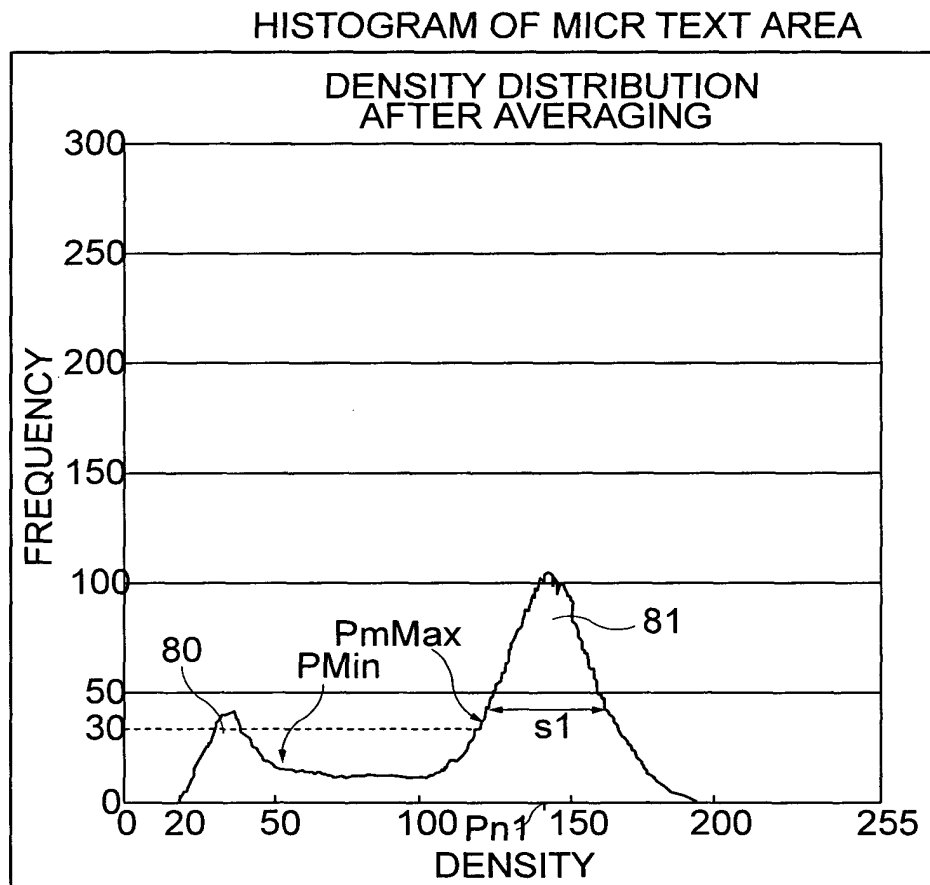


FIG. 9



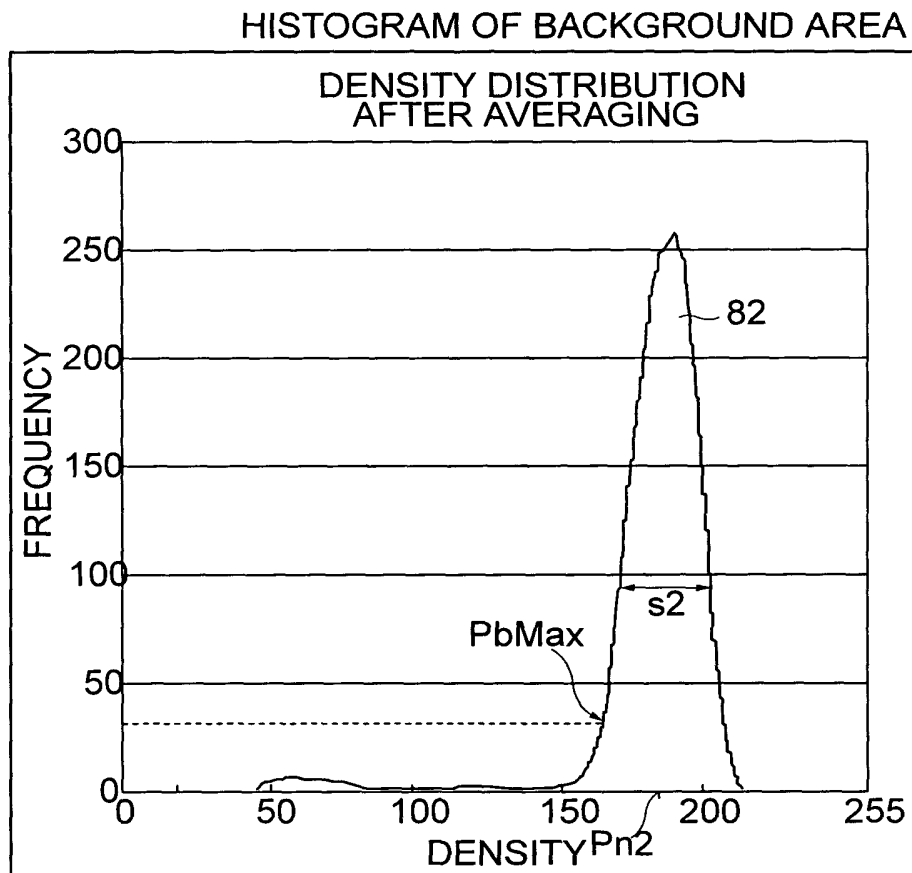


FIG. 10

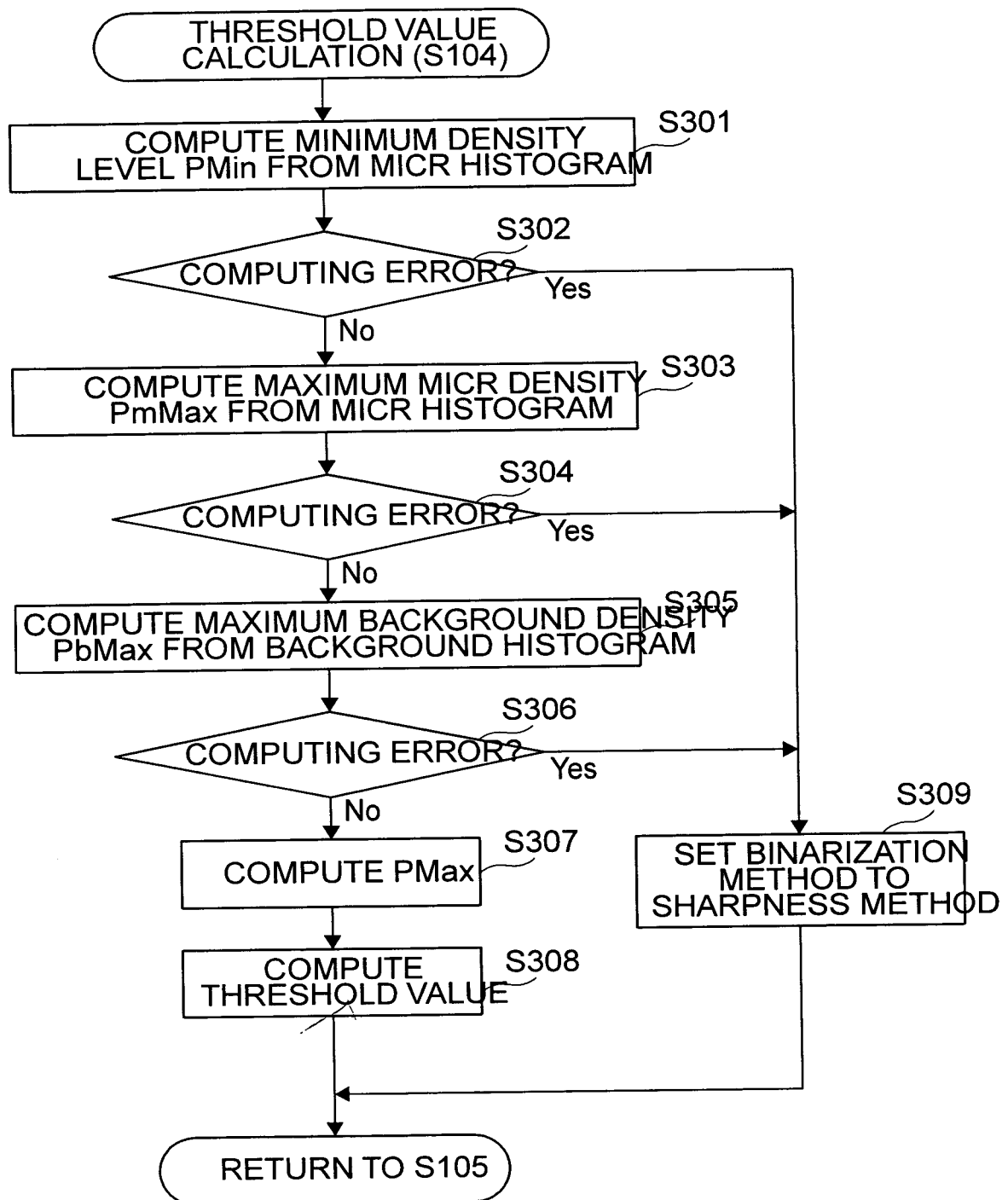


FIG. 11

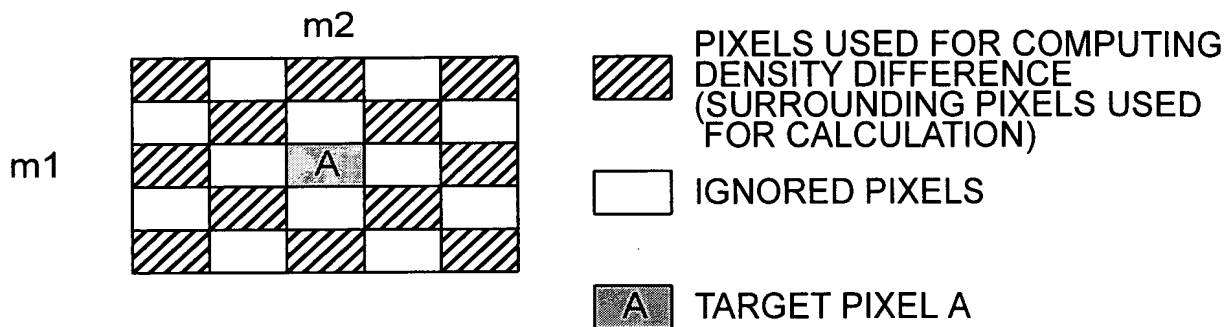


FIG. 12 (a)

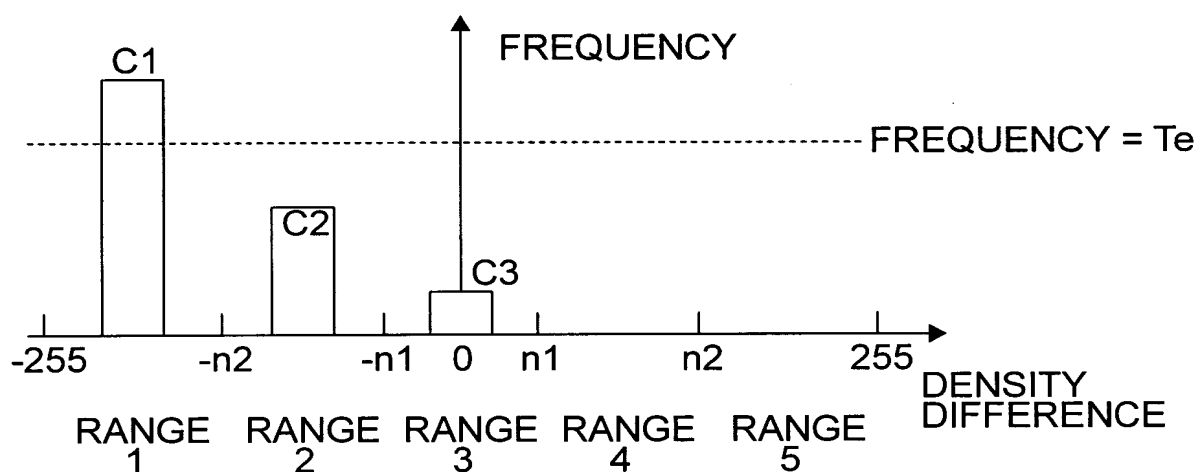


FIG. 12 (b)

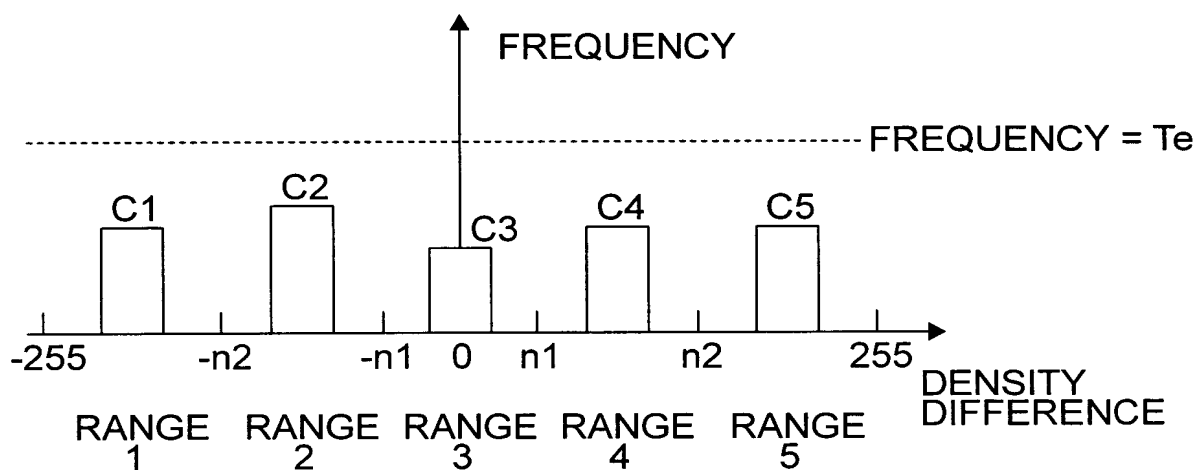


FIG. 12 (c)

<SHARPENING FILTER COEFFICIENT>

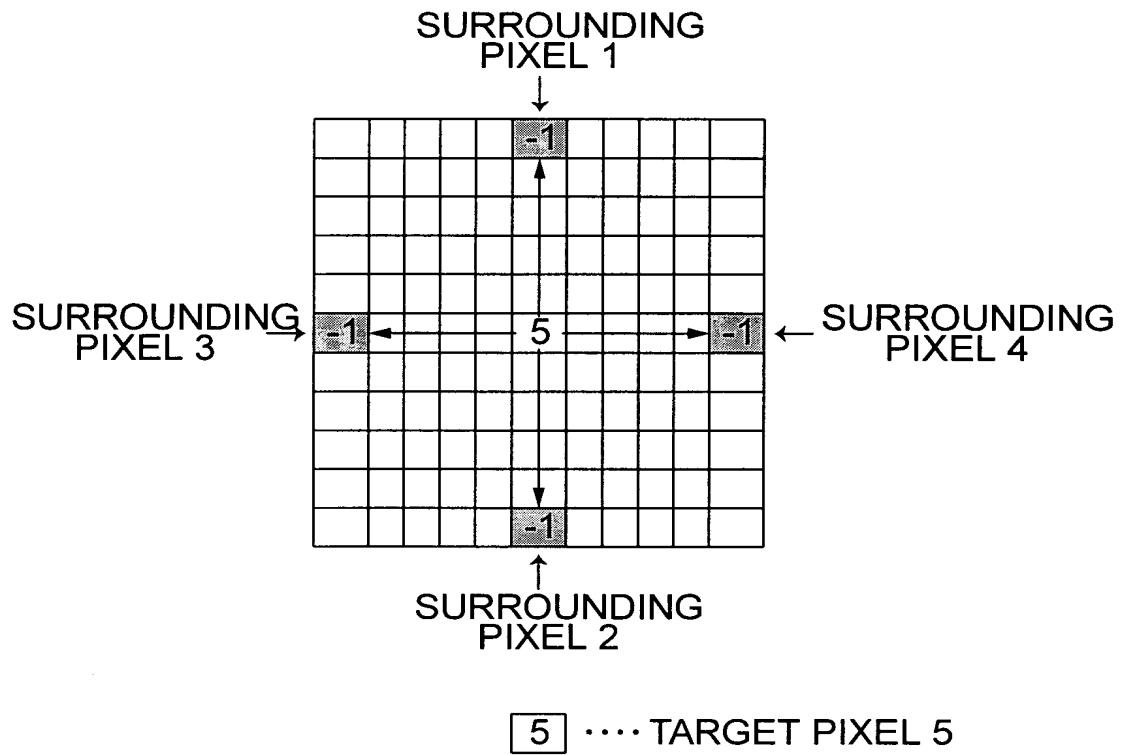


FIG. 13

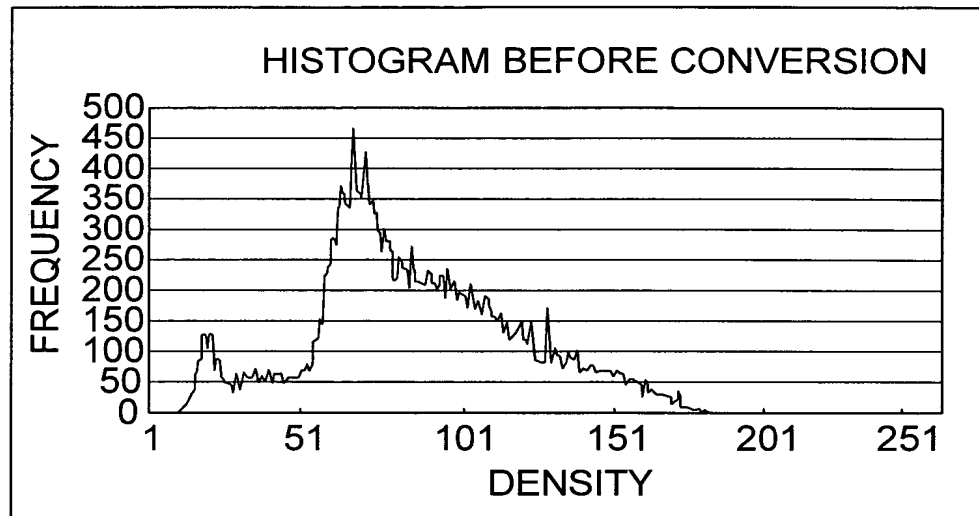


FIG. 14 (a)

↓  
APPLY SHARPEN FILTER

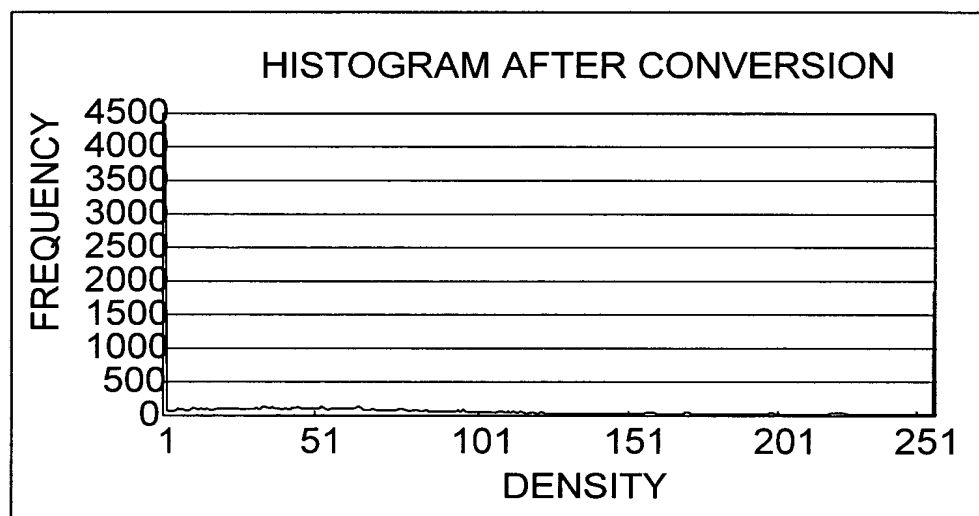


FIG. 14 (b)

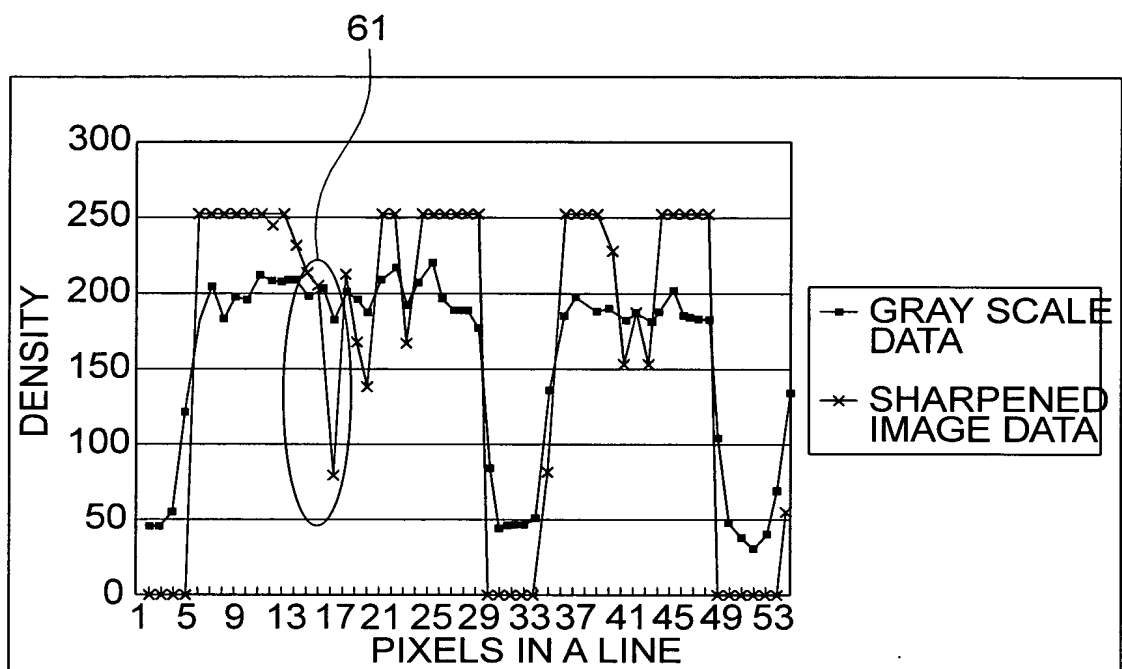


FIG. 15

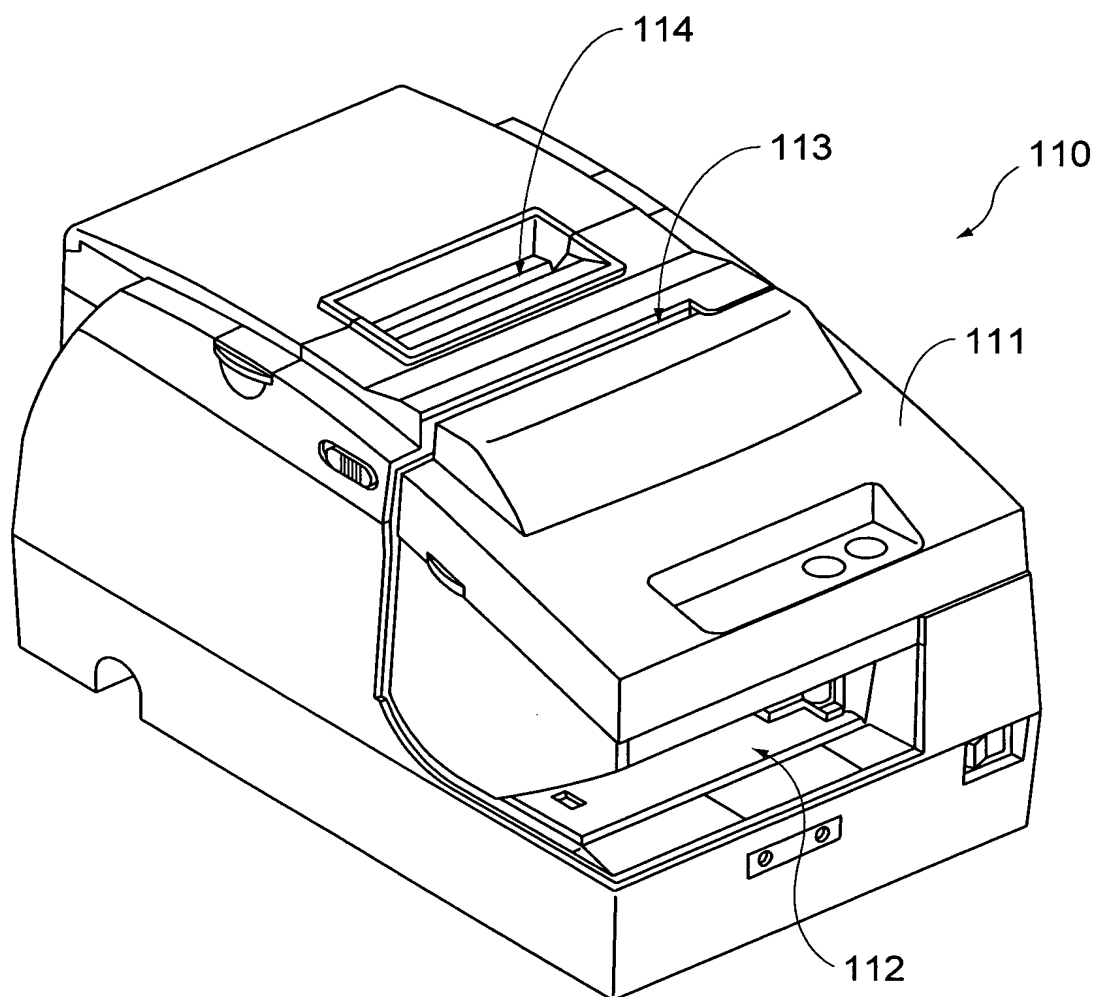


FIG. 16

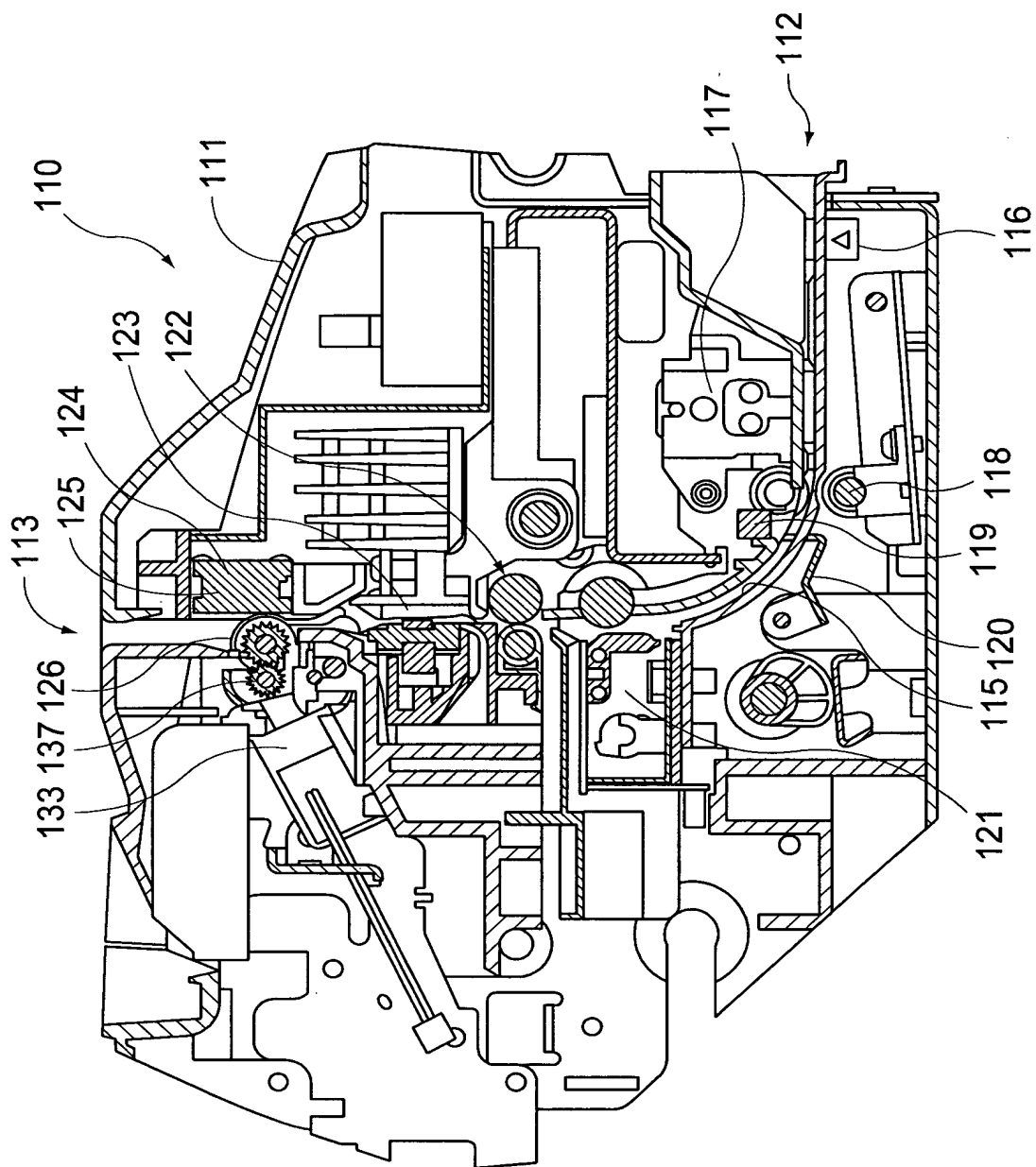


FIG. 17



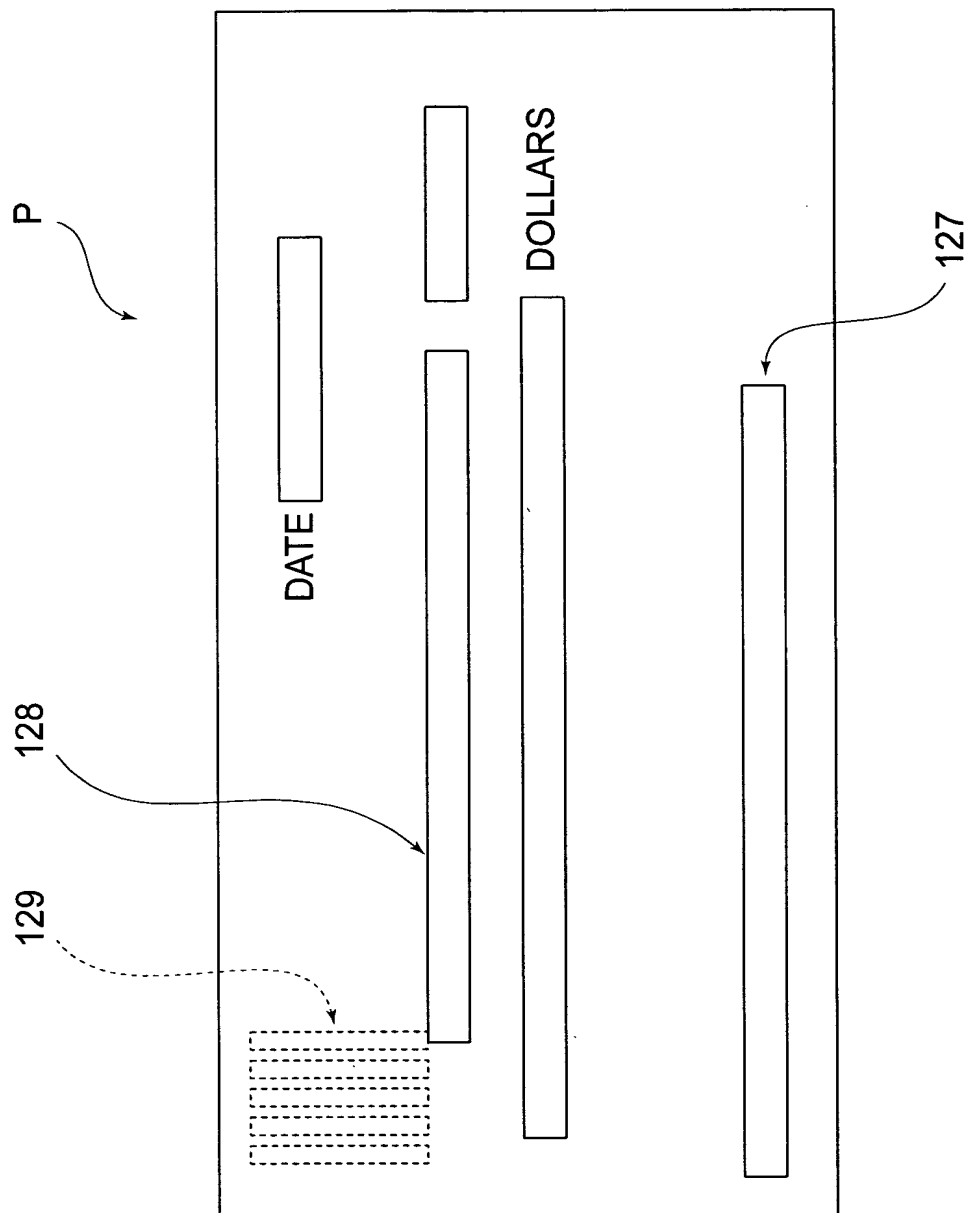


FIG. 18

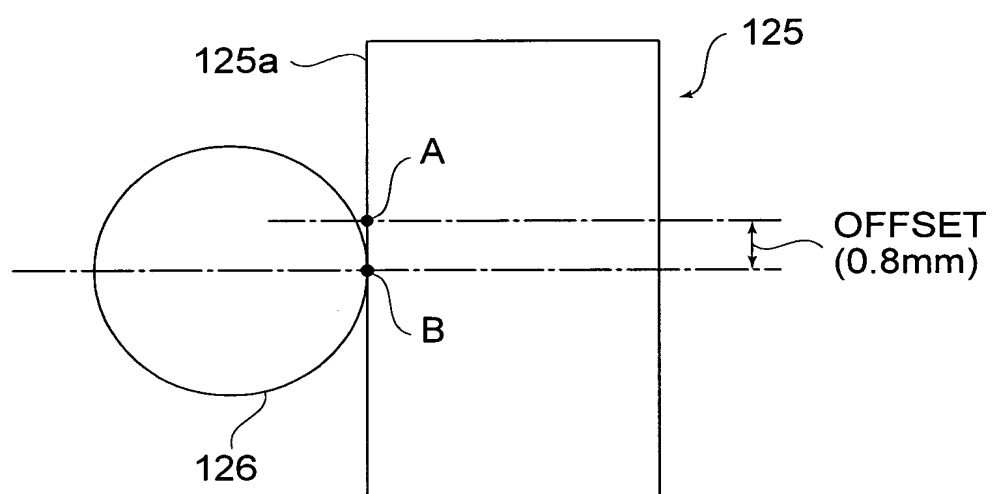


FIG. 19